

To: Initials/Date:

110 Union St, Suite 500
Seattle, WA 98101-2038

Scheduled Date/Time

1. RLB	RD, 8/9
2. CC	Am, 8/12
3. CF	/
4.	/
Copies Made:	

ROUTINE
INSPECTION REPORT

Reg. No.: 15019
AIRS No.: 033-00000

LDWSF 12.3.56
08/02/96

USEPA SF



1259929

Facility: LONGVIEW FIBRE CO.

Safety Equip. Req.?	YES
Hard Hat	
Goggles	
Safety Glasses	
Ear Protection	
Respirators	
HEPA Filters	
Acid/Gas/Organic Fltr	
Ammonia Filter	
X Safety Shoes	
Other	
Insp	FLA Engr

Street Address: 5901 E MARGINAL WY S

City: SEATTLE Zip: 98134

Mailing Address: PO BOX 24867

City: SEATTLE Zip: 98124

Contact Persons: TOM CRAIG PLANT MANAGER 762-7170
SONNY BIVINS MAINT GEN'L FOREMAN 762-7170

Persons Contacted: Sonny Bivins

SIC No. = 2653 CORRUGATED AND SOLID FIBER BOXES

Last Comment: MINOR SOURCE DESIGNATION LTR 5/11/95

Level of Inspection: 1 ☐ 2 ☒ 3 ☐ 4 ☐

Last Inspection: 09/18/1995 EMG 2 CSR RE 5.05(e)(I). UPDATE CONTACT LIST.

Date of Inspection: 8/2/96 15:15 PSAPCA Reps: RLB, EMG

Inspection Summary: Not of completion # 6264 inspection
low NOx fire tube boiler. Source test results reviewed.
Very good O&M records and log sheets. No NCVs issued.

Recommendation: File

Attachments:

Notice of Violation #:

Film #:

Report By: /Date

8/2/96

PUGET SOUND AIR POLLUTION CONTROL AGENCY
110 Union St, Suite 500
Seattle, WA 98101-2038

Facility: LONGVIEW FIBRE CO.

Reg #: 15019

Inspection Objectives:

NC # 6264
Compliance w/ Reg. I, II & III and permit
conditions.

Exterior Observations (Before Inspection): No VE or edors.

<u>Inspections:</u>	<u>Level</u>	<u>Action</u>	<u>Comment</u>
09/18/1995 EMG	2		CSR RE 5.05(e)[I]. UPDATE CONTACT LIST.
09/16/1993 LCV	2		UPDATE EQUIP LISTING
12/07/1992 EMG	2		UPDATE EQUIPMENT LISTING
12/06/1990 DJG MDS	2		NOV #27364 SEC 5.05(e)
02/25/1987 VLA	2		

<u>Notices of Construction:</u>	<u>Approved</u>	<u>Inspected</u>	<u>Installed</u>
# 824 CYCLONE ON SHREDDER	9/29/72		10/31/72
# 6264 BOILER @ 25 MMbtu/hr	12/ 5/95		12/27/95
EMISSION LIMITS; #2 OIL			
NO MORE THAN 0.05%			
SULFUR			

Notices of Construction Special Conditions:

6264 BOILER @ 25 MMbtu/hr

4. Longview Fibre Co. (LFC) is subject to requirements of 40 CFR 60 Subpart Dc and shall notify EPA of the installation.
5. LFC shall operate these boilers using No. 2 oil with no more than 0.05% sulfur. Records shall be maintained for a period of two years and made available to PSAPCA personnel upon request.
6. Within 180 days of startup of the boilers, LFC shall perform a compliance test according to Regulation I, Section 3.07, to demonstrate compliance with the NOx and CO limits in Condition No. 7.
7. The emissions of this boiler shall not exceed any of the following:
 - a. NOx = 0.05, CO = 0.05, SO2 = 0.01, VOC = 0.02 lb/MMBtu one-hour

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average on natural gas.

b. $\text{NO}_x = 0.20$, $\text{CO} = 0.10$, $\text{SO}_2 = 0.60$, $\text{VOC} = 0.05 \text{ lb/MMBtu}$ one-hour average on No. 2 oil.

c. $\text{PM}_{10} = 0.02 \text{ gr/dscf @ 7\% O}_2$.

d. Source test methods are EPA Methods 6C for SO_2 , 7E for NO_x , 10A for CO, and 25A for VOC; and PM_{10} by PSAPCA procedure in Resolution 540 dated Aug 11, 1993.

8. It shall be unlawful for LFC to cause or allow the emission of any air contaminant from this boiler which exceeds 10% opacity according to EPA Method 9.

Air Contaminant Generating Equipment
Associated Control Equipment

(1) BOILER

CLEAVER BROOKS

Rated: 25 LB/BATCH NAT GAS/DIST OIL NC#: 6264

(2) STORAGE BIN/SILO SYSTEM

NE EXTERIOR CORN STARCH SILO

Rated: 55000 LB

CE(2) BAGHOUSE

ON TOP OF SILO 50 BAGS

(3) PAPER SHREDDER

/BALER

CE(1) CYCLONE

PAPER SHREDDER AND PRESSES

42000 CFM Year Installed: 1972 NC#: 824

Puget Sound Air Pollution Control Agency
110 Union Street, Suite 500, Seattle, WA 98101-2038: Fredrick Austin (206) 689-4055

Emission Statement

LONGVIEW FIBRE CO.

Registration: 15019

Air Contaminant Emission Summary

<u>Criteria Air Contaminants:</u>	<u>tons/1994</u>	<u>tons/1995</u>	<u>tons/1996</u>	<u>tons/1997</u>
Carbon Monoxide	1	_____	_____	_____
Nitrogen Oxides	3	_____	_____	_____
Sulfur Dioxide (Sulfur Oxides)	<0.5	_____	_____	_____

Emission Point/Segment Summary

Point 001 EXTERNAL COMBUSTION BOILERS

Segment 01 NATURAL GAS BOILERS - 14.7 MMBUT/HR

Segment 02 DIESEL OIL

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Emission Statement

LONGVIEW FIBRE CO.

Registration: 15019

Emission Points/Segments:

Point 001 EXTERNAL COMBUSTION BOILERS

Segment 01 NATURAL GAS BOILERS - 14.7 MMBUT/HR

Source Classification Code: 1-02-006-02 Industrial Boilers - 10-100 Mmbtu/Hr - Natural Gas

<u>Year</u>	<u>Process Quantity</u>	<u>Units</u>
1994	3,000	1000 therm
1995	_____	1000 therm
1996	_____	1000 therm
1997	_____	1000 therm

<u>CAS #</u>	<u>Contaminant</u>	<u>pounds/1994</u>	<u>pounds/1995</u>	<u>pounds/1996</u>	<u>pounds/1997</u>	<u>Method</u>
630-08-0	Carbon Monoxide	1,050	_____	_____	_____	4
10102-44-0	Nitrogen Oxides	4,200	_____	_____	_____	4
_____	_____	_____	_____	_____	_____	_____
	Volatile Organic Compounds	_____	_____	_____	_____	4

CAS#: Chemical Abstract Services Number

Method Code: 1 Emission Test 2 Material Balance 3 EPA Emission Factor 4 Engineering Judgment

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Emission Statement

LONGVIEW FIBRE CO.

Registration: 15019

Emission Points/Segments:

Point 001 EXTERNAL COMBUSTION BOILERS

Segment 02 DIESEL OIL

Source Classification Code: 1-02-005-01 Industrial Boiler - Distillate Oil Grades 1&2

<u>Year</u>	<u>Process Quantity</u>	<u>Units</u>
1994	52.5	1000 gal
1995	_____	1000 gal
1996	_____	1000 gal
1997	_____	1000 gal

<u>CAS #</u>	<u>Contaminant</u>	<u>pounds/1994</u>	<u>pounds/1995</u>	<u>pounds/1996</u>	<u>pounds/1997</u>	<u>Method</u>
630-08-0	Carbon Monoxide	500	_____	_____	_____	4
10102-44-0	Nitrogen Oxides	1,000	_____	_____	_____	4
7446-09-5	Sulfur Dioxide (Sulfur Oxides)	400	_____	_____	_____	4
_____	_____	_____	_____	_____	_____	_____
	Volatile Organic Compounds	_____	_____	_____	_____	4

CAS#: Chemical Abstract Services Number

Method Code: 1 Emission Test 2 Material Balance 3 EPA Emission Factor 4 Engineering Judgment

Longview Fibre Co.
5901 E. Marginal Way So.
Seattle, WA. 98134

8/2/96 15:15

RGB and I arrived on site and contacted the Maintenance Foreman, Sonny Bivens. We conducted a brief pre-inspection meeting in the office. We advised the source that the purpose of the inspection was to inspect the new boiler, sign off on the notice of completion, and review the source test results required by NOC# 6264.

We reviewed the 3/20 and 3/21/96 Valid Results source test results regarding emissions from the new boiler.. The emissions from the stack were tested when the boiler was burning natural gas and when it was burning diesel #2 fuel oil. I noted the following levels for natural gas: SO₂, .00043, NOX, .0285, CO, .0054 and VOC, .0043. I observed the following levels for diesel: NOX, .05, CO, .008, SO₂, .144 and VOC, .0013. I noted that the results were below the limits specified in condition 7 of NOC# 6264.

According to Mr. Bivens, the low NOX boiler operates 18 hours per day, five days per week. An operator checks the boiler parameters such as stack temp. water level, pressure etc. every 8 hours. A thorough maintenance and tune up is conducted on the boiler every 6 months. The tune up includes a probe exhaust stack gas test which provides the source with a computer print out of SO₂, O₂, CO, and NOX levels.

We inspected the boiler. I reviewed the 8 hr. daily maintenance log sheets. We were advised that the diesel fuel is stored in a 5,000 gallon above ground tank. In Jan of this year the boiler burned diesel fuel for six days according to Mr. Bivens.

We conducted a brief closing conference and departed from the site. No violations were issued.

M. Gilpin 8/05/96